IN THE CLAIMS

This listing of claims replaces all prior listings.

1. (previously presented) A computer-implemented method in a data processing system having a program in a memory, the method performed by the program comprising the steps of:

asynchronously receiving a first datatype at a subscriber;

determining whether the subscriber subscribes to at least one additional datatype after receiving the first datatype; and

querying for the at least one additional datatype responsive to a determination that the subscriber subscribes to the at least one additional datatype. 62-68

2. (original) The method of claim 1 further comprising the step of:

asynchronously receiving at least one of the additional datatypes.

3. (currently amended) The method of claim 1, wherein the first datatype includes has a metadata that describes a data and a reference to the data, the data being maintained separately from the first datatype, the first datatype including a metadata including a key that enables the first datatype to be joined with other datatypes having the key in their respective metadata, and wherein determining whether the subscriber subscribes to additional datatypes comprises identifying the key in the first datatype.

4. (original) The method of claim 1, wherein a storage controller is queried for the additional datatypes.

5. (original) The method of claim 1, further comprising the step of:

subscribing to the first datatype and at least one of the additional datatypes.